

## ABSTRACT

When data is recorded onto a tape-shaped recording medium using N recording heads disposed on a rotary drum, of first and second series codes orthogonal to each other, the first 5 series code is recorded by any one of the recording heads, and the second series code is recorded across N tracks formed by the N recording heads per revolution of the rotary drum. The redundancy rate of the second series code is set to  $1/N$  or more. As a result, a recording apparatus and method can 10 be provided, which can correct almost all errors at a ratio of one to N tracks even if one whole track of data is completely destroyed without increasing the redundancy rate.